Review of: "Comparison of extended irreversible thermodynamics and nonequilibrium statistical operator method with thermodynamics based on a distribution containing the first-passage time"

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Potential competing interests: No potential competing interests to declare.

The author has provided a detailed description of the relationship between the NSO distribution and the distribution of First-Passage Time (FPT), accompanied by a series of rigorous mathematical derivations. I believe the logical structure of this paper is highly rigorous and exhibits strong professionalism. With minor modifications, I am confident that this paper is suitable for publication on Qeios.

1.The current manuscript is dense with technical terms and concepts. Consider rephrasing sentences to enhance clarity and conciseness. Break down complex ideas into simpler statements to facilitate a smoother reading experience.

2. Ensure that the readers have a clearer understanding of non-equilibrium thermodynamics and the various parameters involved by offering more background information. Consider providing a brief overview of thermodynamics at the beginning of the article to help readers better comprehend the subsequent analogies and derivations.

3. Explain why understanding the relationship between thermodynamics with first-passage time and extended irreversible thermodynamics is important in the broader context of scientific inquiry or potential applications. This will enhance the relevance and impact of the discussed concepts.